

## **REMARKS**

Claims 1-18 were pending in the application. Claims 4-7 and 13-16 stood objected to. Claims 1-3, 8-12, and 17-18 stood rejected. Claims 1 and 10-18 were cancelled. Claims 2-9 were amended. Claims 19-35 were added. Claims 2-9 and 19-35 remain in the application.

Claims 4-7 and 13-16 stand objected to as being dependent upon a rejected base claim, but allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims. Claims 4-7 have been so rewritten. Claims 13-16 were cancelled and rewritten as dependent Claims 23, 27, 31, and 35, respectively. Claims 23, 27, 31, and 35 are allowable in the same manner as Claims 13-16 and as depending from allowable Claims 4-7, respectively.

Claims 2 and 11 were objected to and have been cancelled.

Claims 3 and 12 stand rejected under the second paragraph of 35 U.S.C. 112. The rejection stated:

'Claims 3 and 12 recite the limitation "the parameters" in line 4. There is insufficient antecedent basis for this limitation in the claims.'

Claim 3 was corrected and rewritten as an independent claim incorporating the limitations of Claim 1. This overcomes the rejection of Claim 3. Claim 12 was cancelled and rewritten as Claim 19, which depends from Claim 3 and overcomes the rejection.

Claims 1-2, 8-11, and 17-18 stand rejected under 35 U.S.C. 102(b) as being anticipated by Derksen, et al. (Using Landsat Thematic Mapper Imagery to Support Salmon Restoration Efforts in a Large Pacific Coast Watershed).

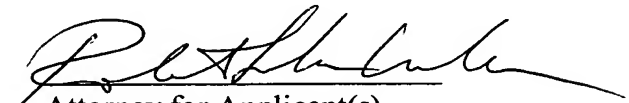
Claims 1, 10-11, and 17-18 were cancelled. Claims 2 and 8-9 were amended to depend from Claim 3 and are allowable on that basis.

Added Claims 20-22, 24-26, 28-30, and 32-34 are supported by the application as filed, notably original Claims 2 and 8-9. Claims 20-22, 24-26, 28-30, and 32-34 are allowable as depending from Claims 4-7, respectively.

It is believed that these changes now make the claims clear and definite and, if there are any problems with these changes, Applicants' attorney would appreciate a telephone call.

In view of the foregoing, it is believed none of the references, taken singly or in combination, disclose the claimed invention. Accordingly, this application is believed to be in condition for allowance, the notice of which is respectfully requested.

Respectfully submitted,



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